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Formal
drawings
MMA
2/25/02

Attorney Docket No: B1034/7003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE


Applicant(s): John S. Thompson and Andrew M. Bird
Serial No: 09/727,390
Filing Date: November 30, 2000
For: METHOD AND APPARATUS FOR SIMULATING THE
MEASUREMENT OF A PART WITHOUT USING A PHYSICAL
MEASUREMENT SYSTEM

Examiner: Unassigned
Art Unit: 2123

Attn: Official Draftsperson
Commissioner for Patents
Washington, DC 20231

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)

I hereby certify that this document is being placed in the United States mail with first-class postage attached, addressed to the Commissioner for Patents, Washington, D.C. 20231 on the 28th day of January, 2002.


Gary S. Engelson
Reg. No.: 35,128

LETTER TO OFFICIAL DRAFTSPERSON


Sir:

Subject to the approval of the Examiner in this case, enclosed for filing are twenty (20) sheets of FORMAL DRAWINGS, Figures 1 through 18, for the above-referenced patent application.

The Commissioner is hereby authorized to charge any fees which may be required to Deposit Account No. 23-2825. A duplicate of this sheet is enclosed.

Respectfully submitted,
John S. Thompson et al., Applicants

By:


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Telephone: (617) 720-3500

Docket No.: B1034/7003
Date: January 28, 2002
xNDD

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1/20

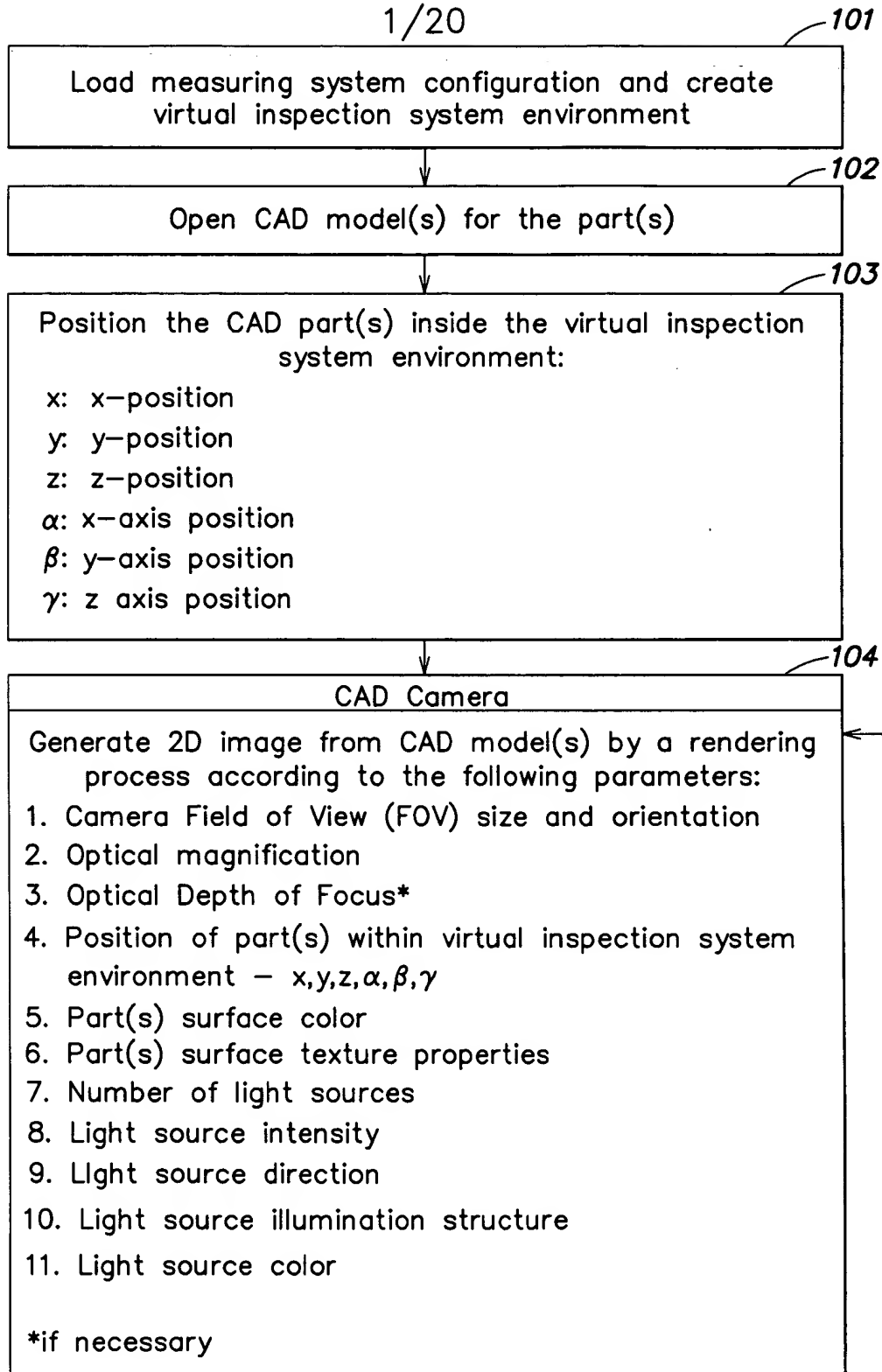
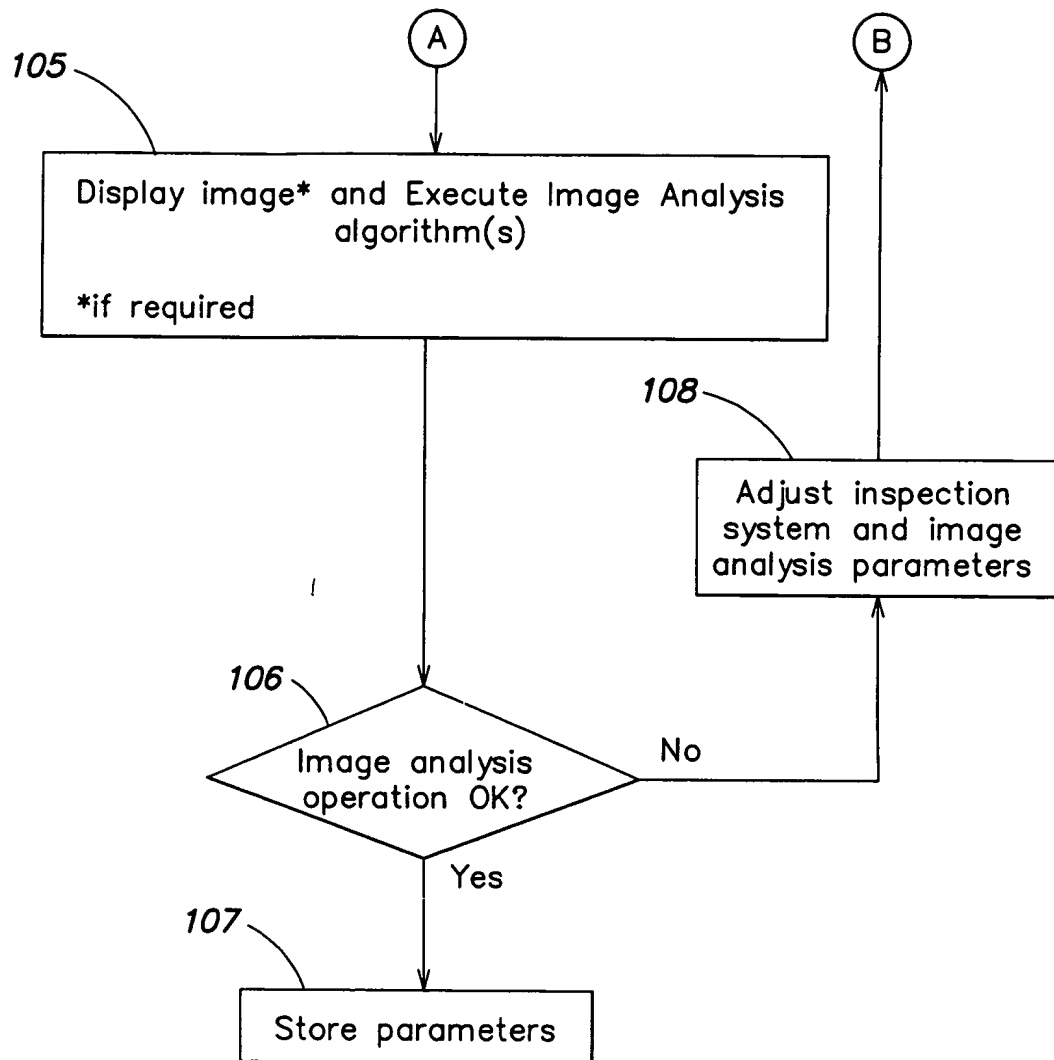


FIG. 1A

FIG. 1B

FIG. 1A

**FIG. 1B**

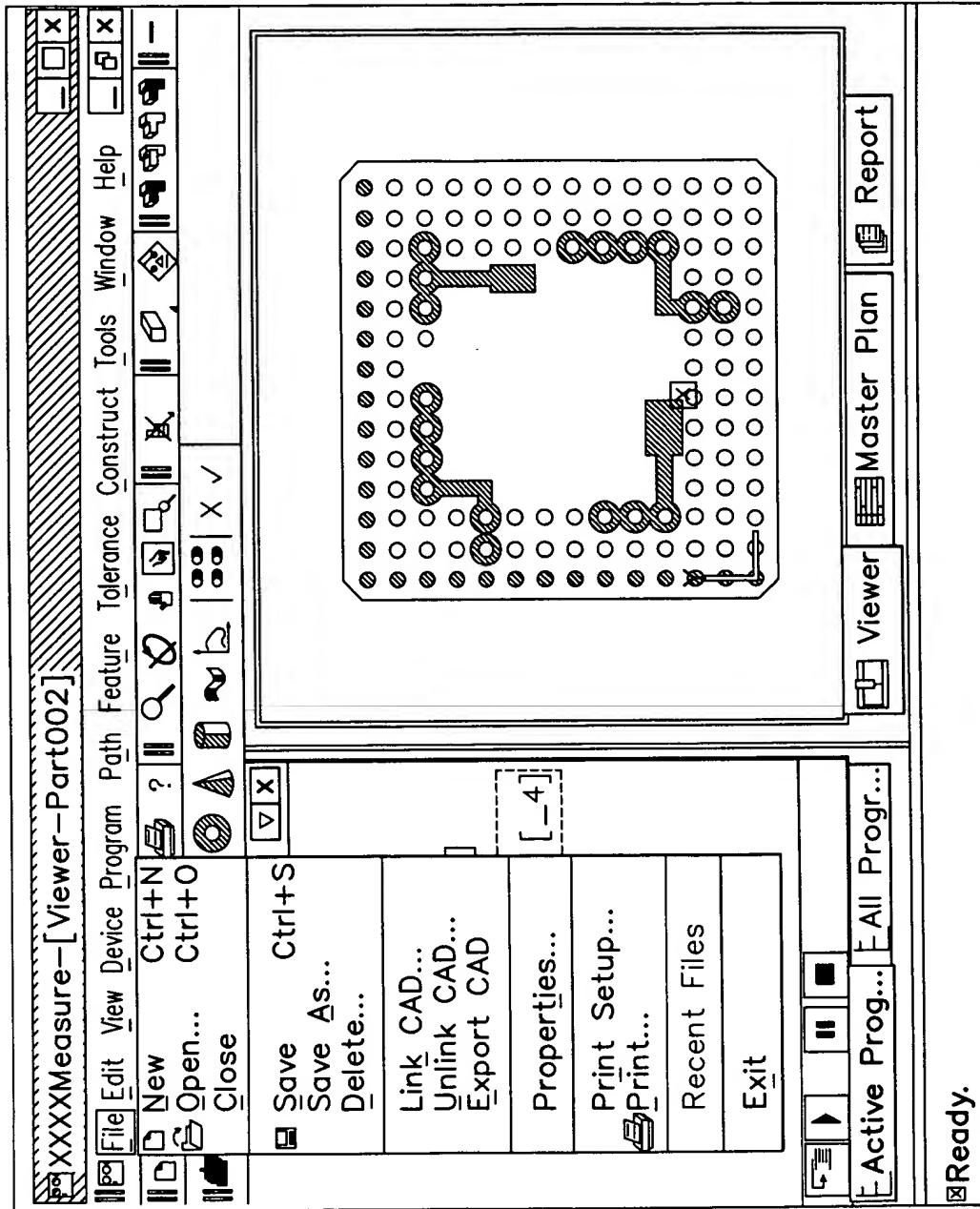


FIG. 2

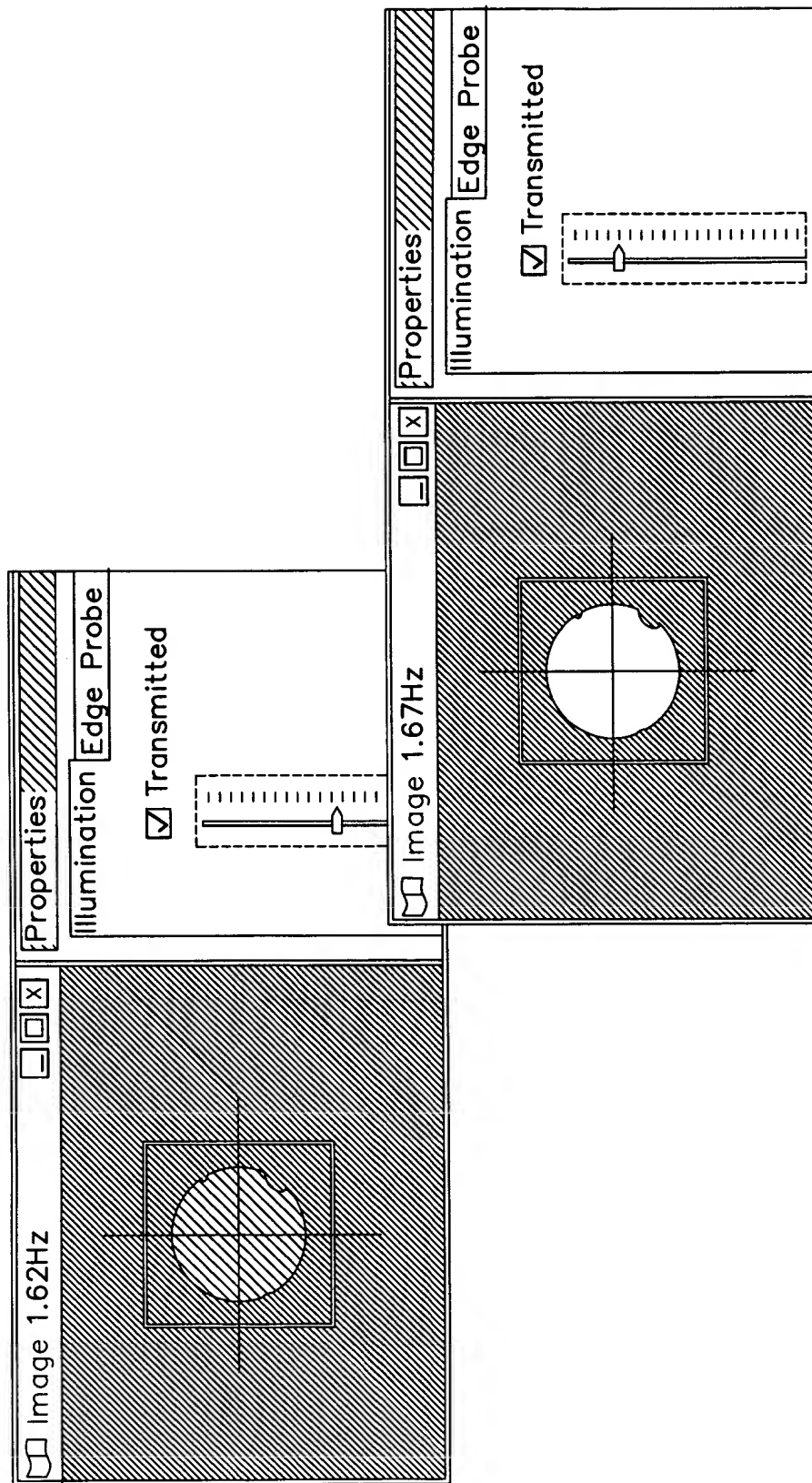


FIG. 3

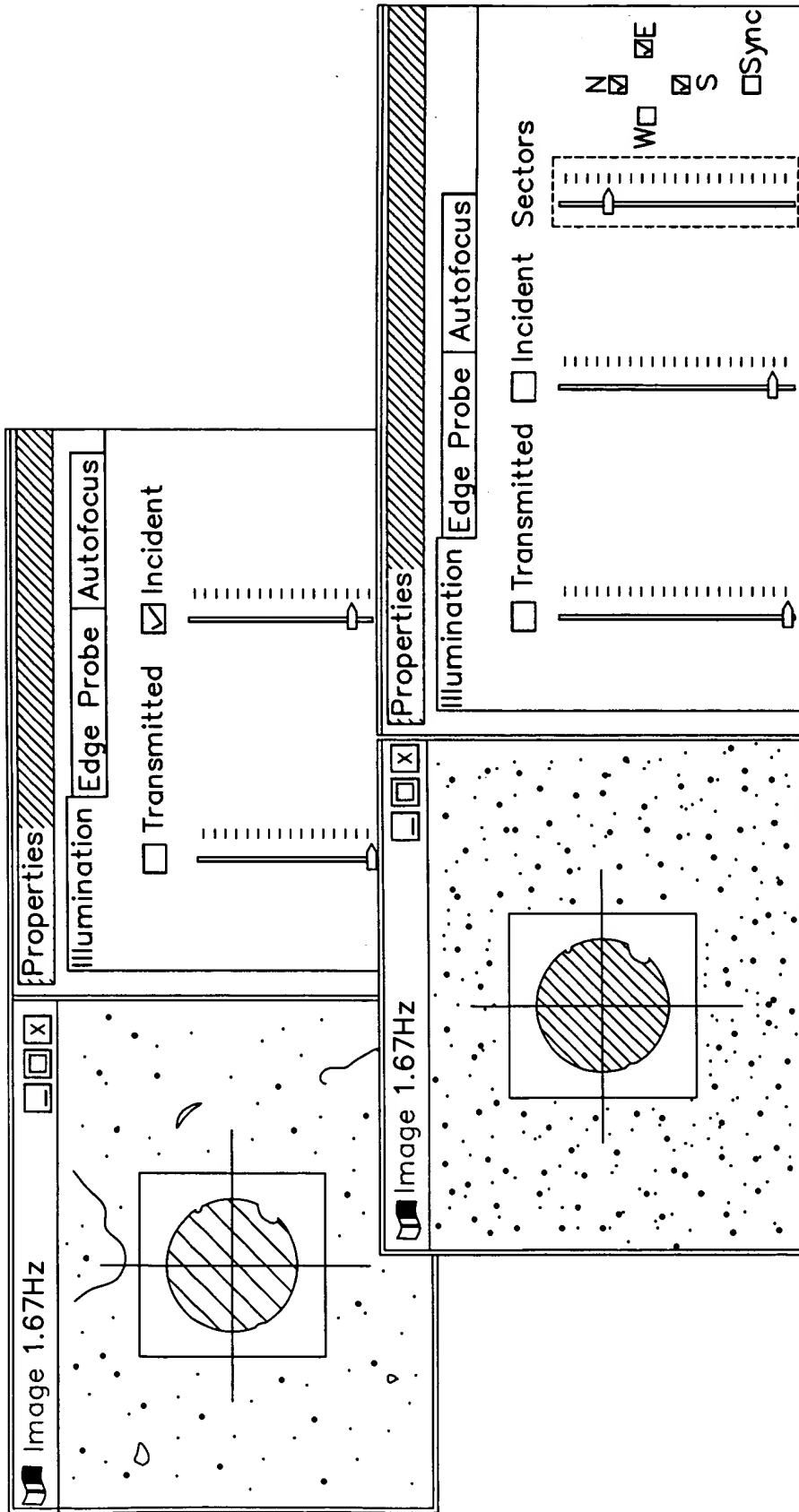


FIG. 4

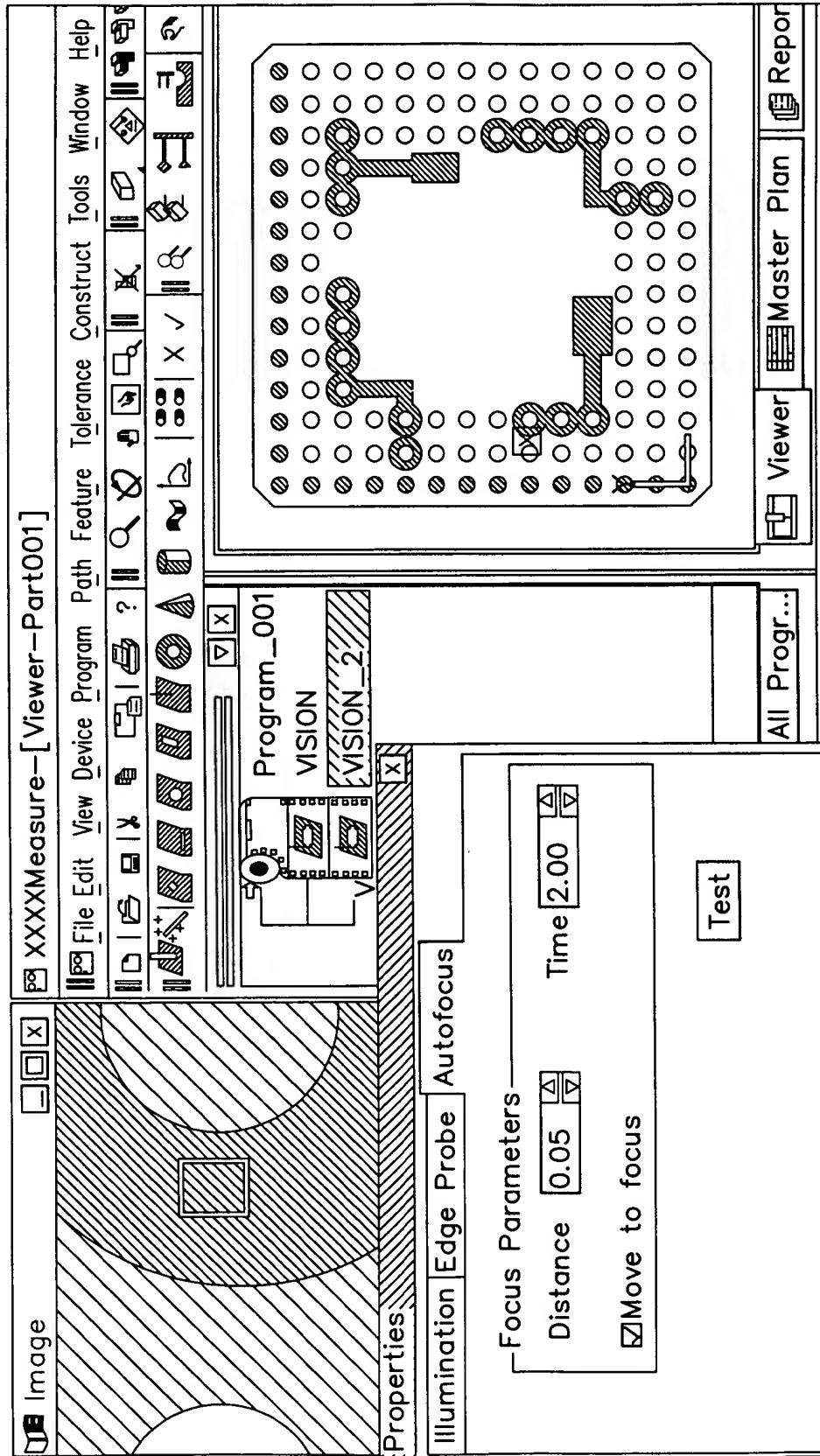


FIG. 5

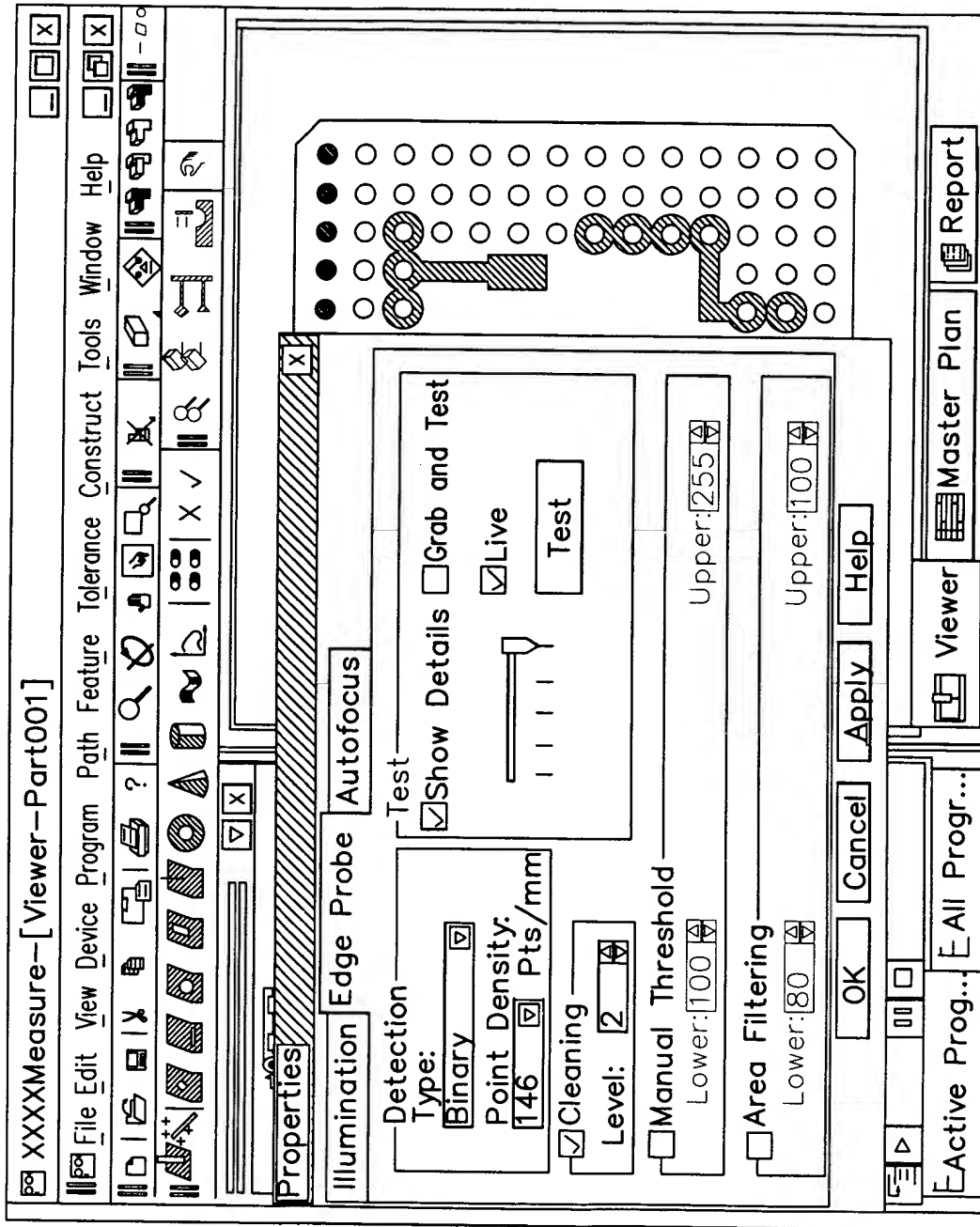


FIG. 6

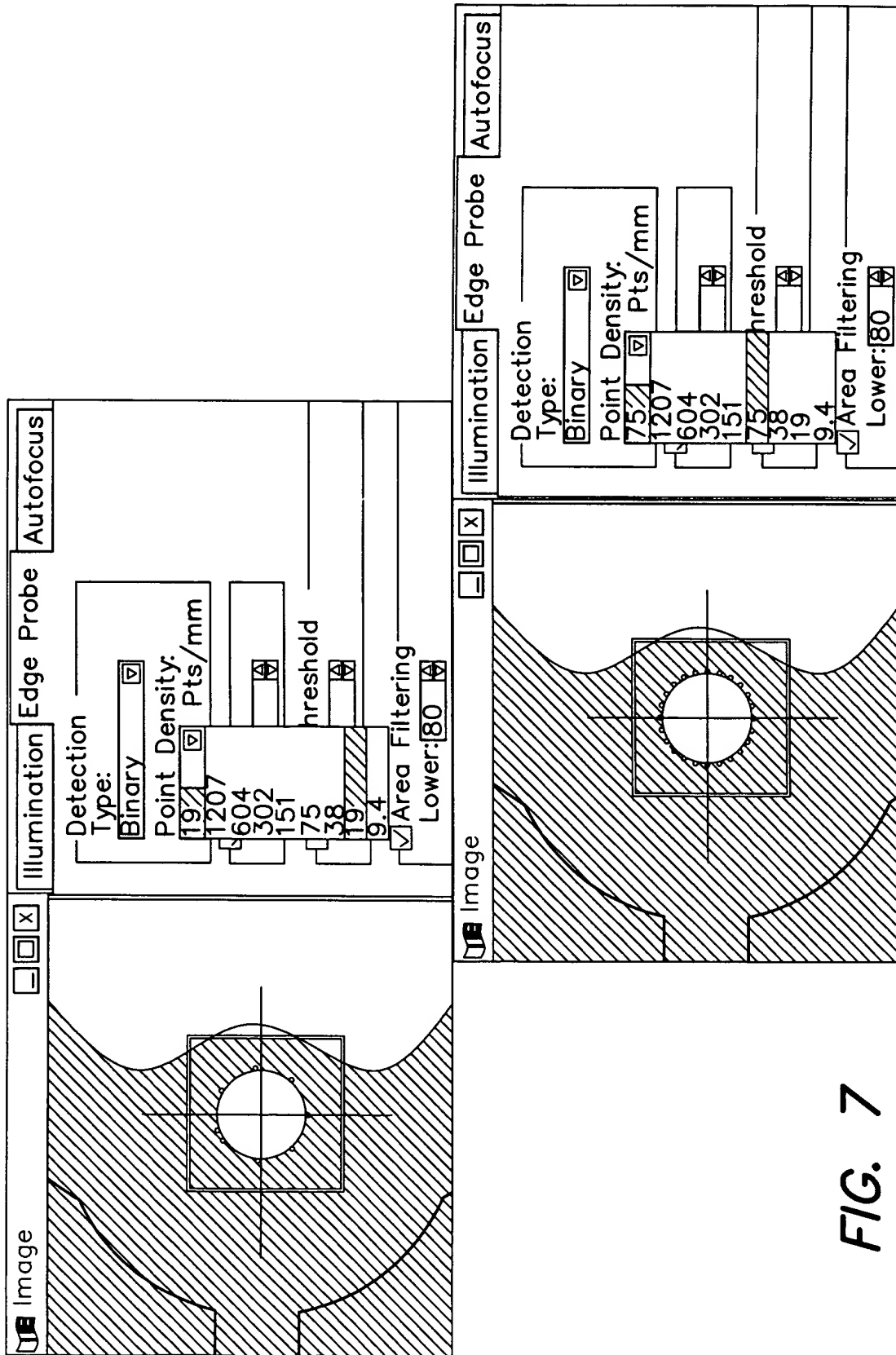


FIG. 7

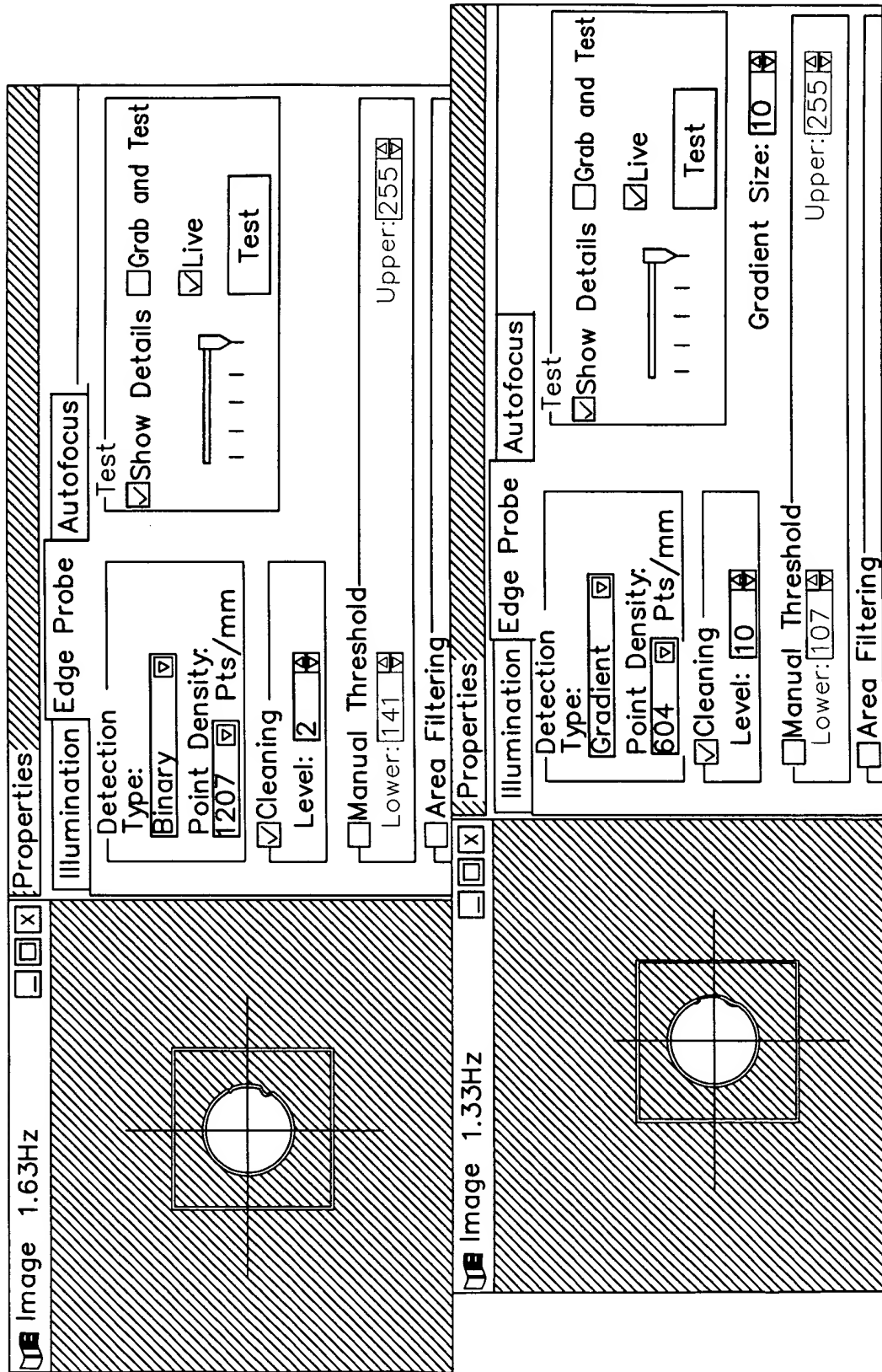


FIG. 8

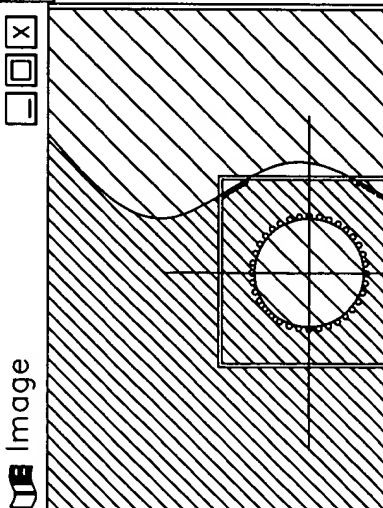
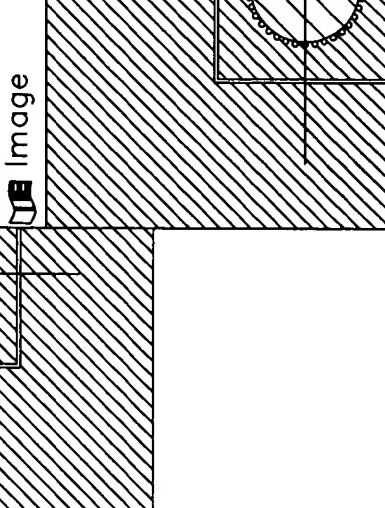
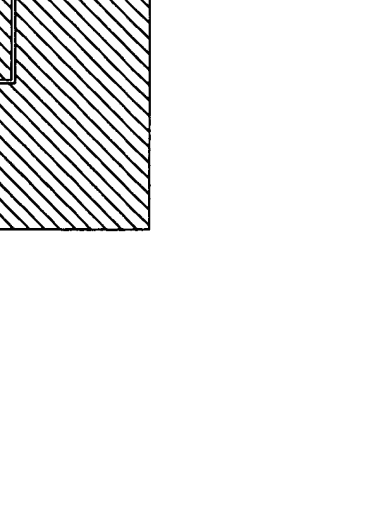
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	<div><div><div>Detection Type: Binary</div><div>Point Density: 151 Pts/mm</div><div><input checked="" type="checkbox"/> Cleaning Level: 10</div></div><div><input type="checkbox"/> Manual Threshold</div></div>	<div><div><div><input checked="" type="checkbox"/> Show Details</div><div><input type="checkbox"/> Grab and Test</div><div><input checked="" type="checkbox"/> Live</div><div>Test</div></div></div>
	<div><div><div>Detection Type: Binary</div><div>Point Density: 151 Pts/mm</div><div><input checked="" type="checkbox"/> Cleaning Level: 10</div></div><div><input type="checkbox"/> Manual Threshold</div></div>	<div><div><div><input checked="" type="checkbox"/> Show Details</div><div><input type="checkbox"/> Grab and Test</div><div><input checked="" type="checkbox"/> Live</div><div>Test</div></div></div>

FIG. 9

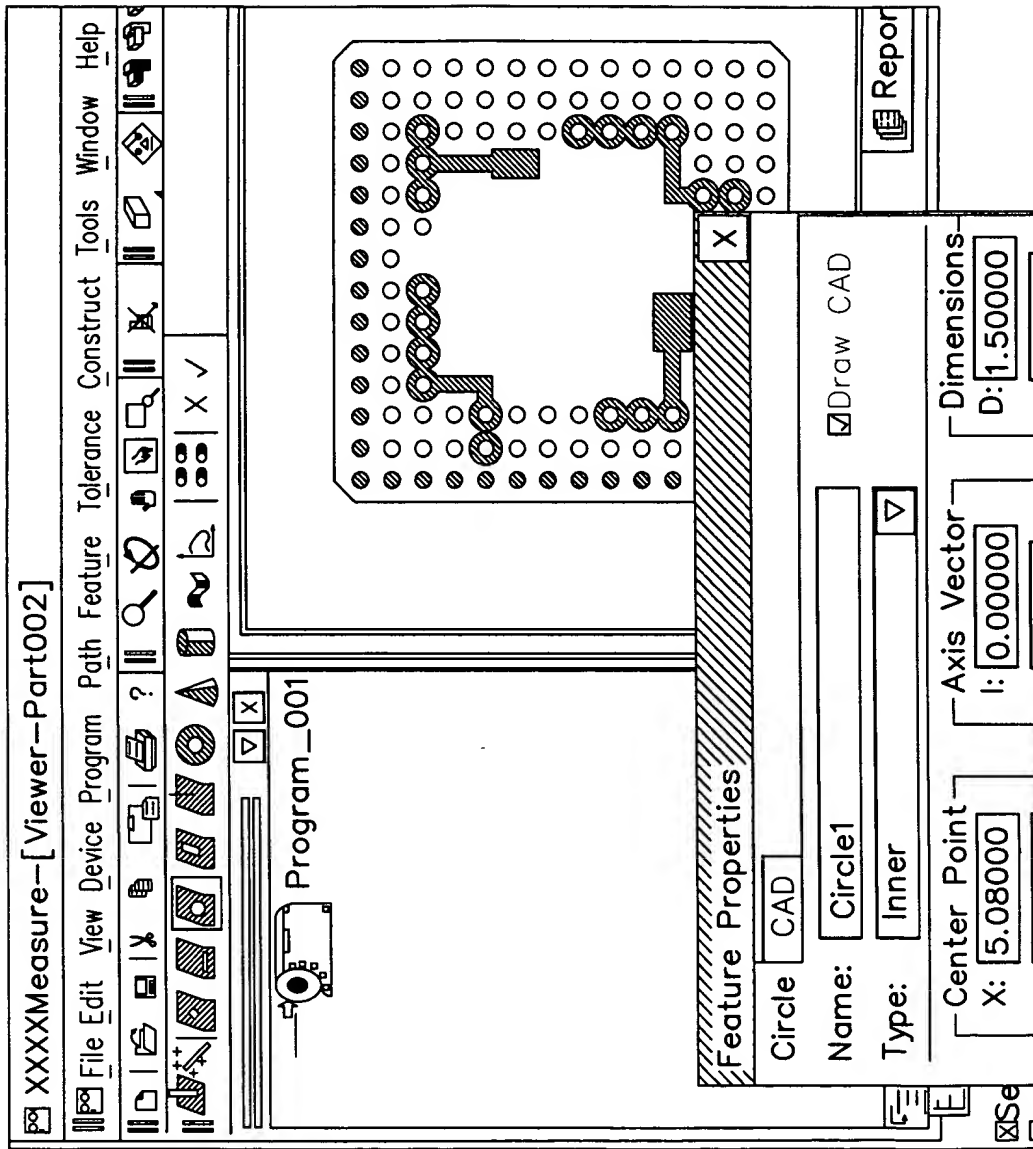


FIG. 10

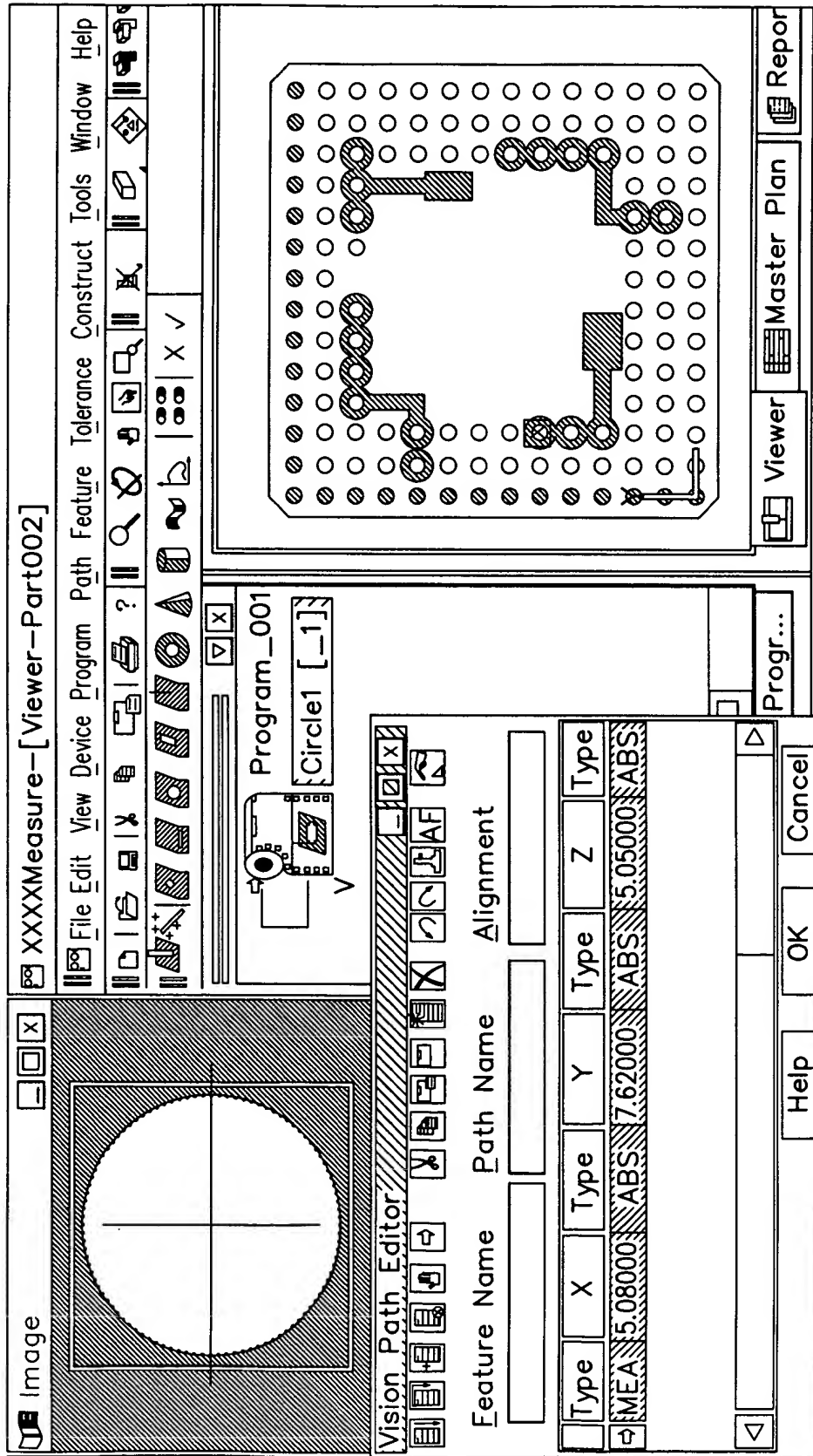


FIG. 11

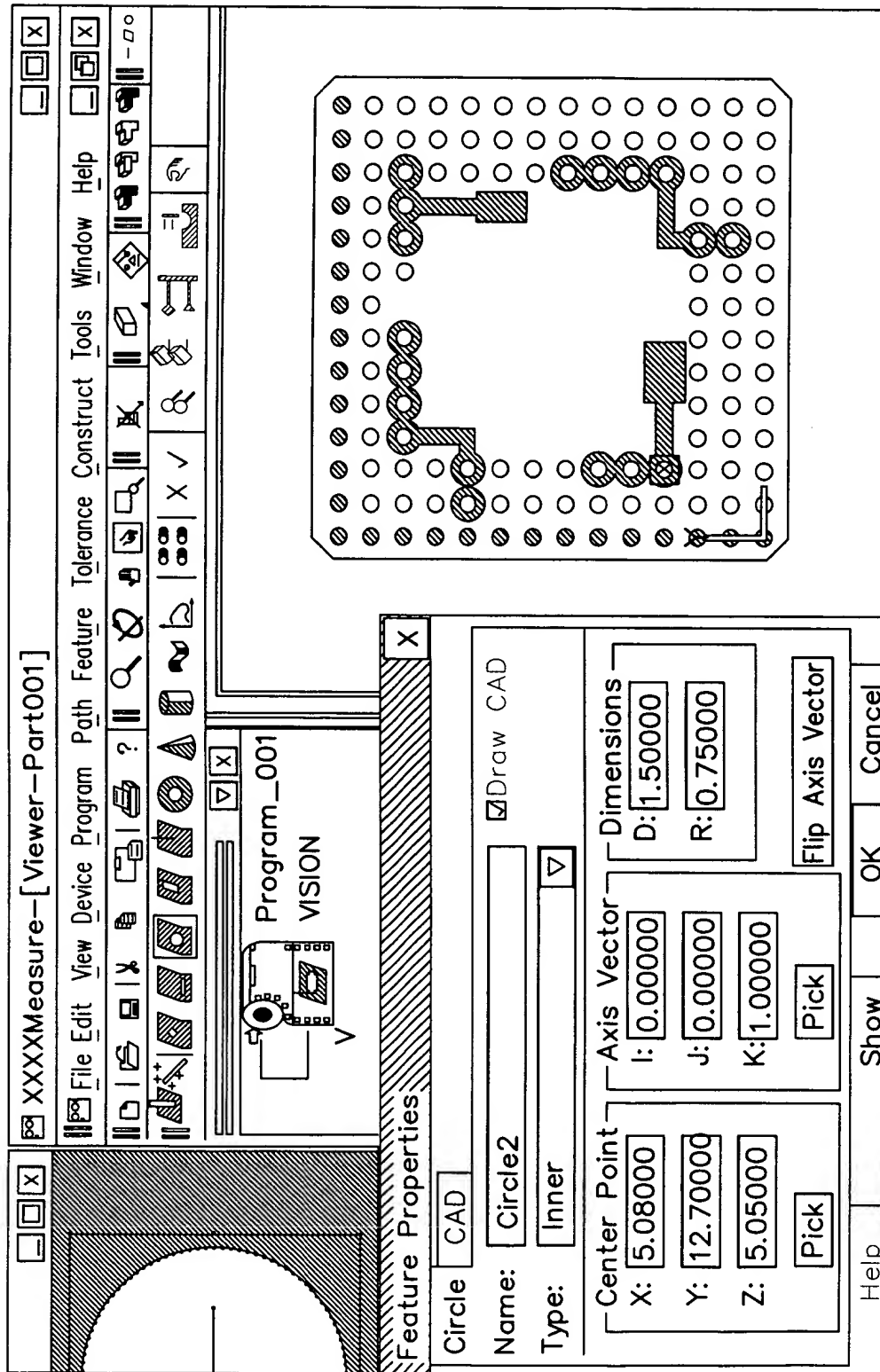


FIG. 12

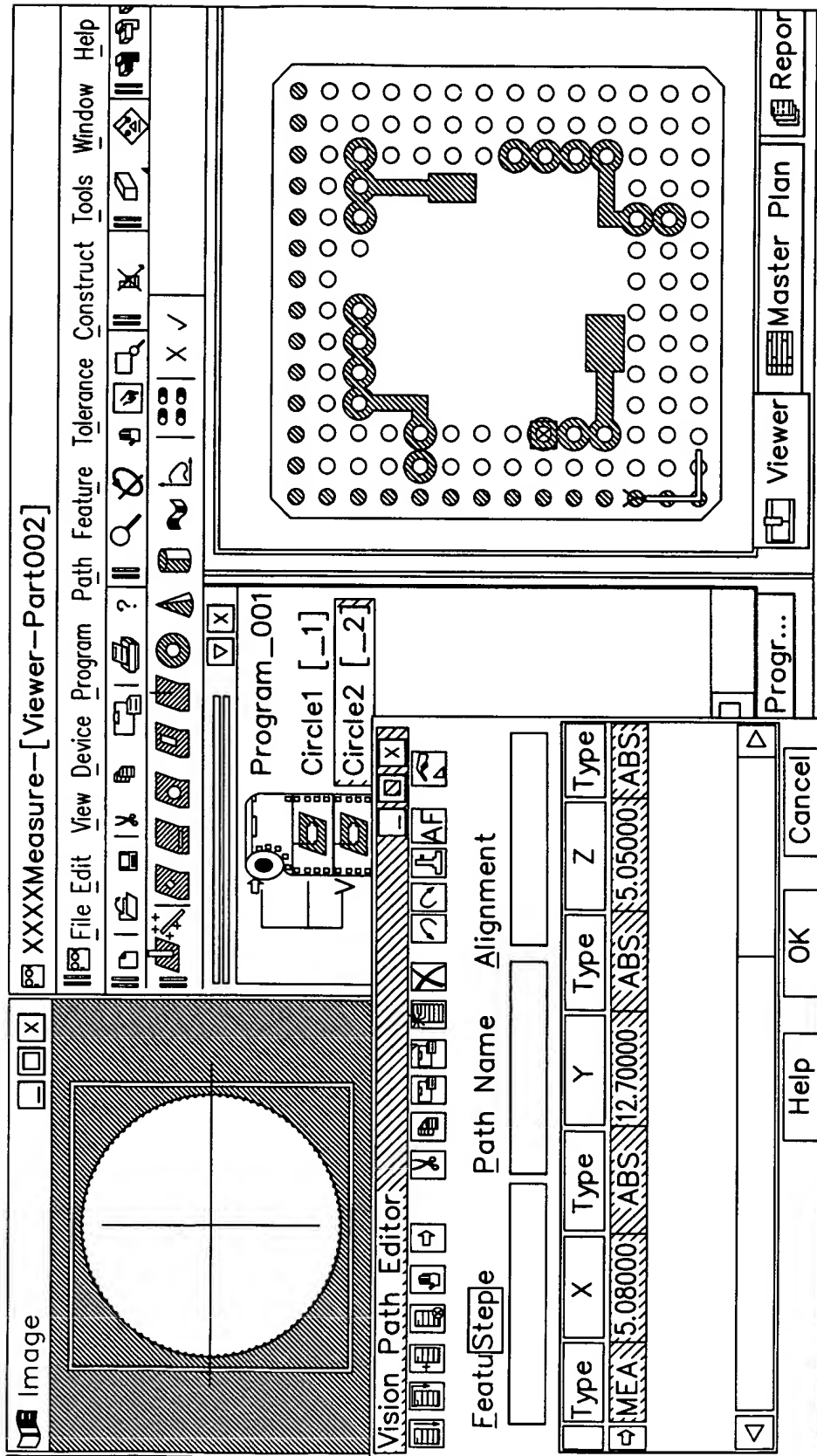


FIG. 13

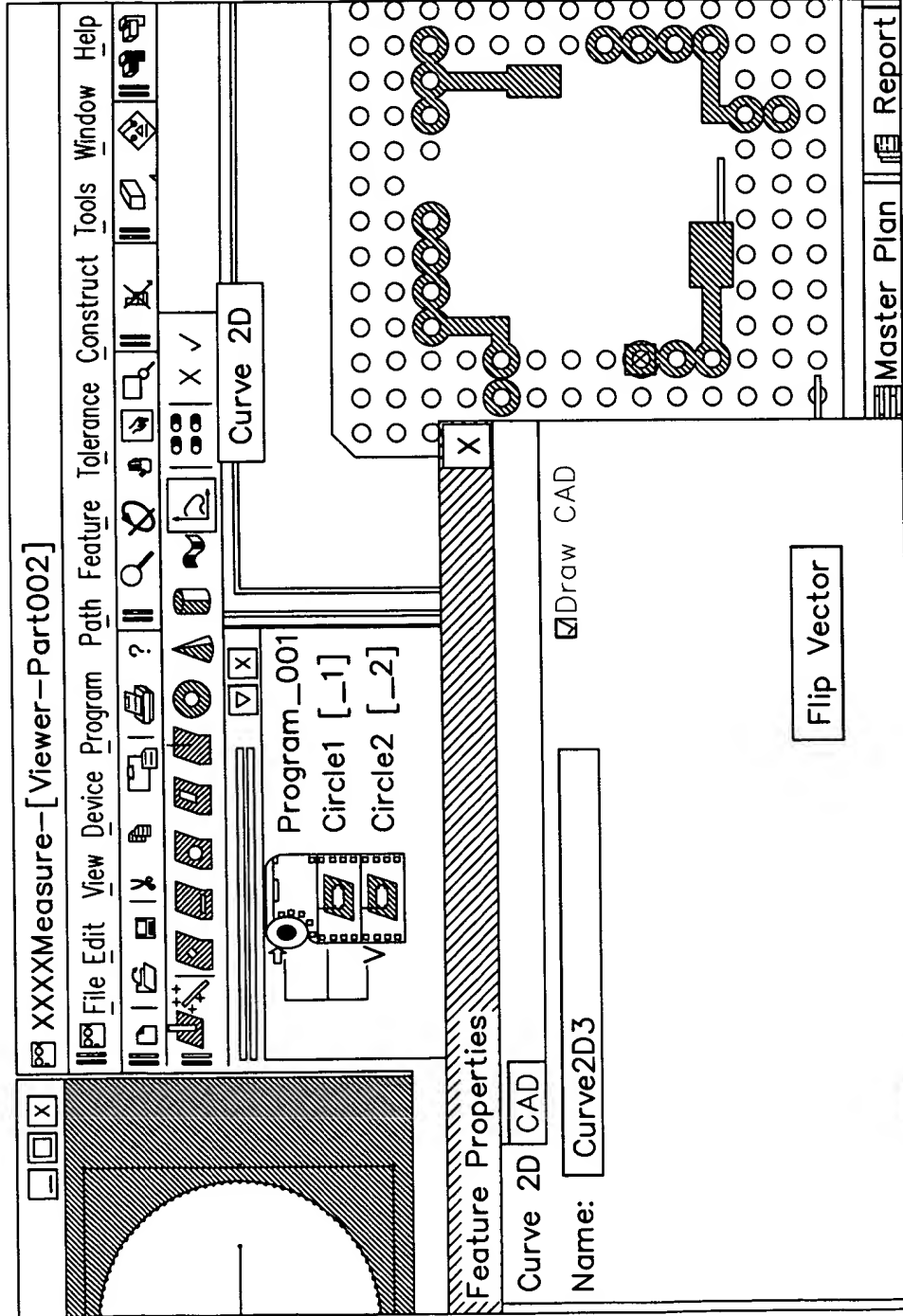


FIG. 14A

FIG. 14A FIG. 14B

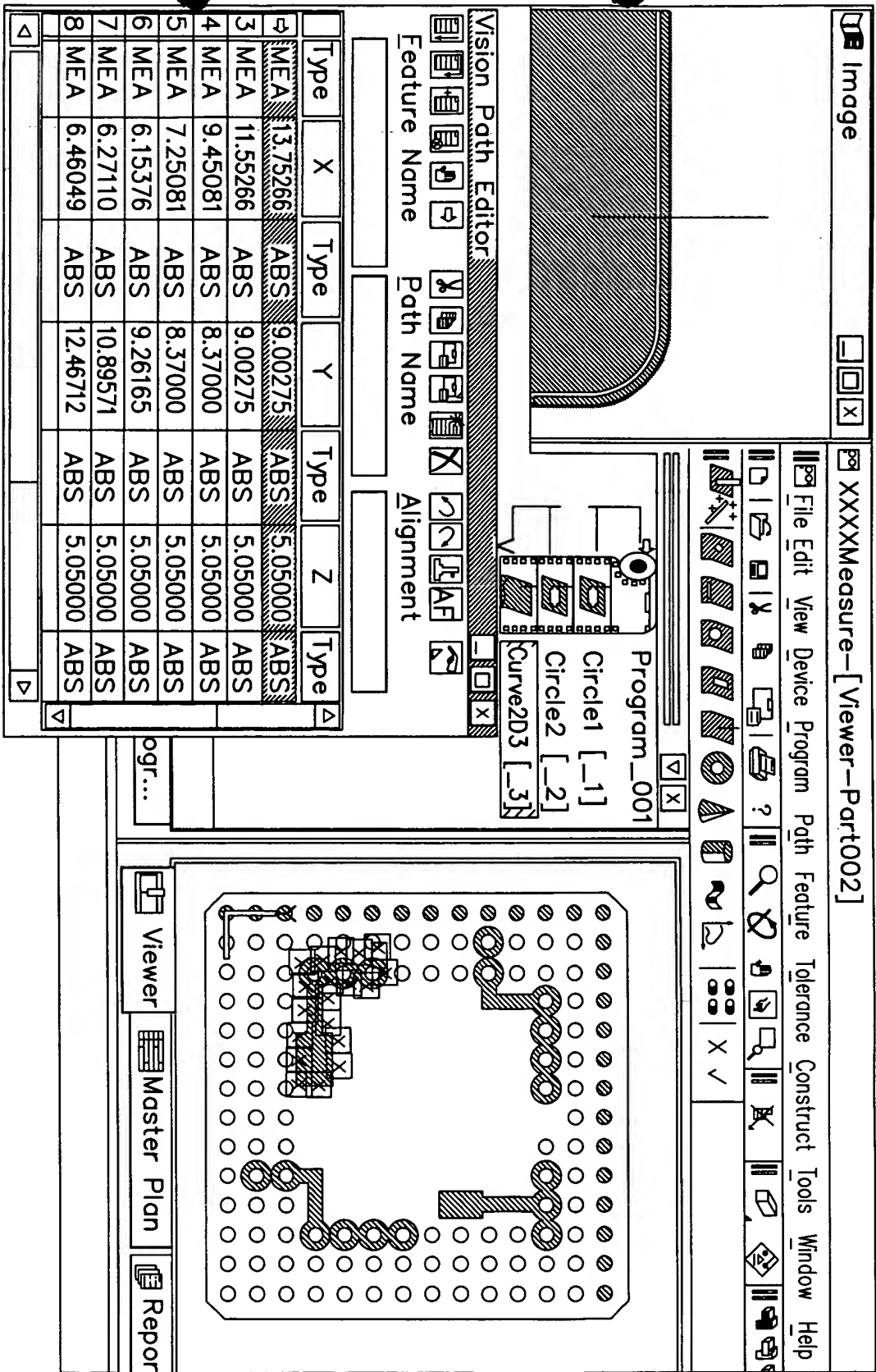


FIG. 15

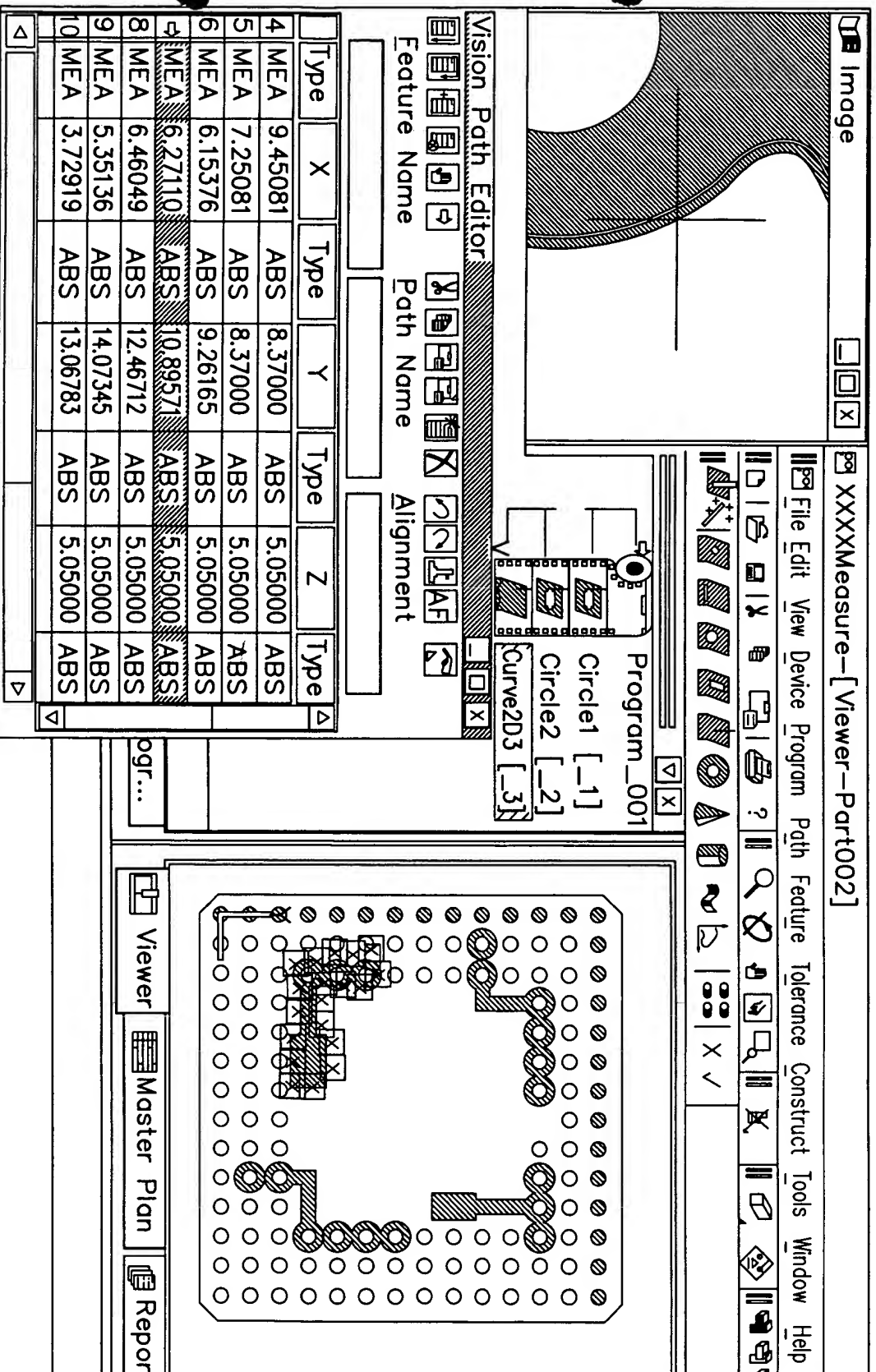


FIG. 16

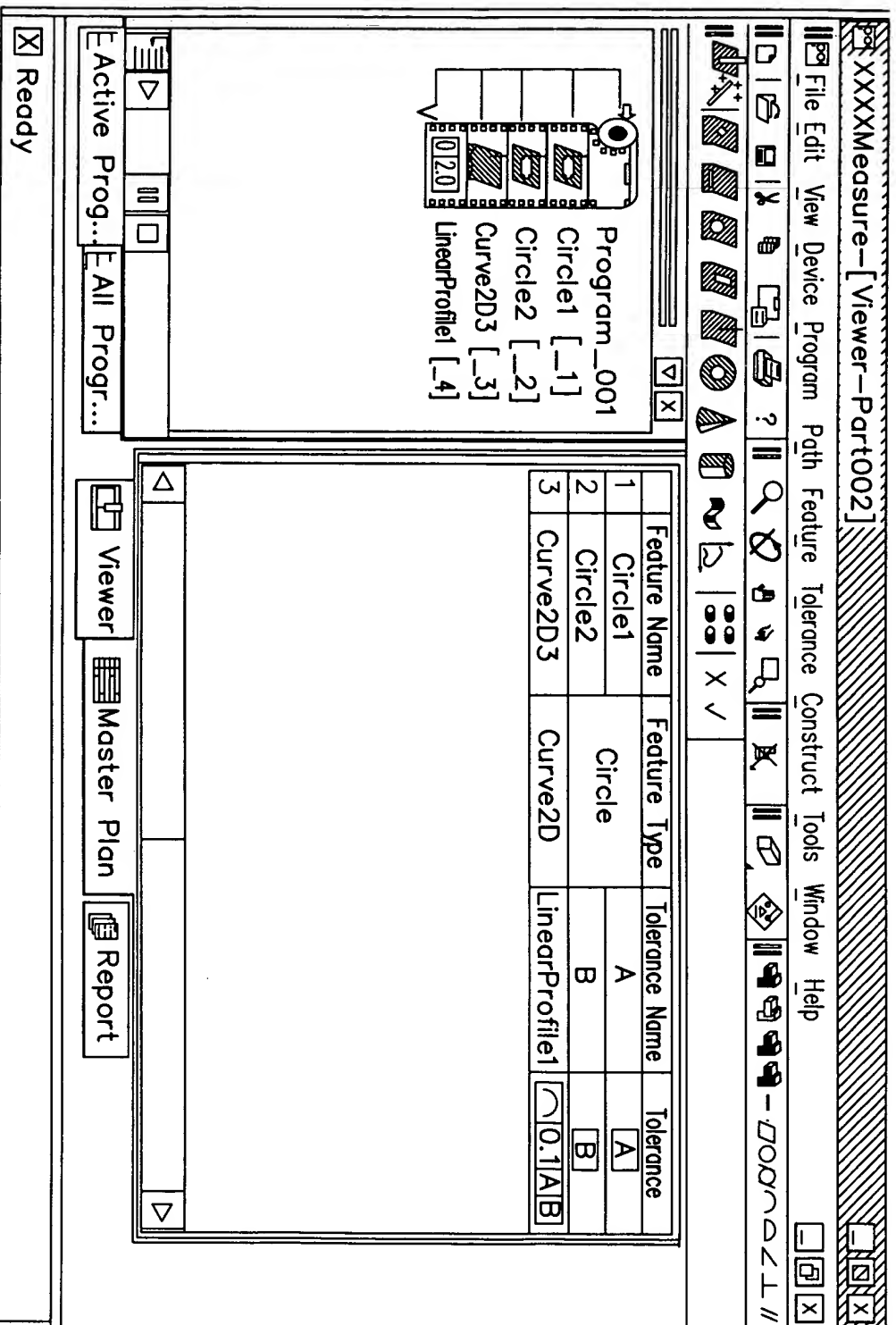


FIG. 17

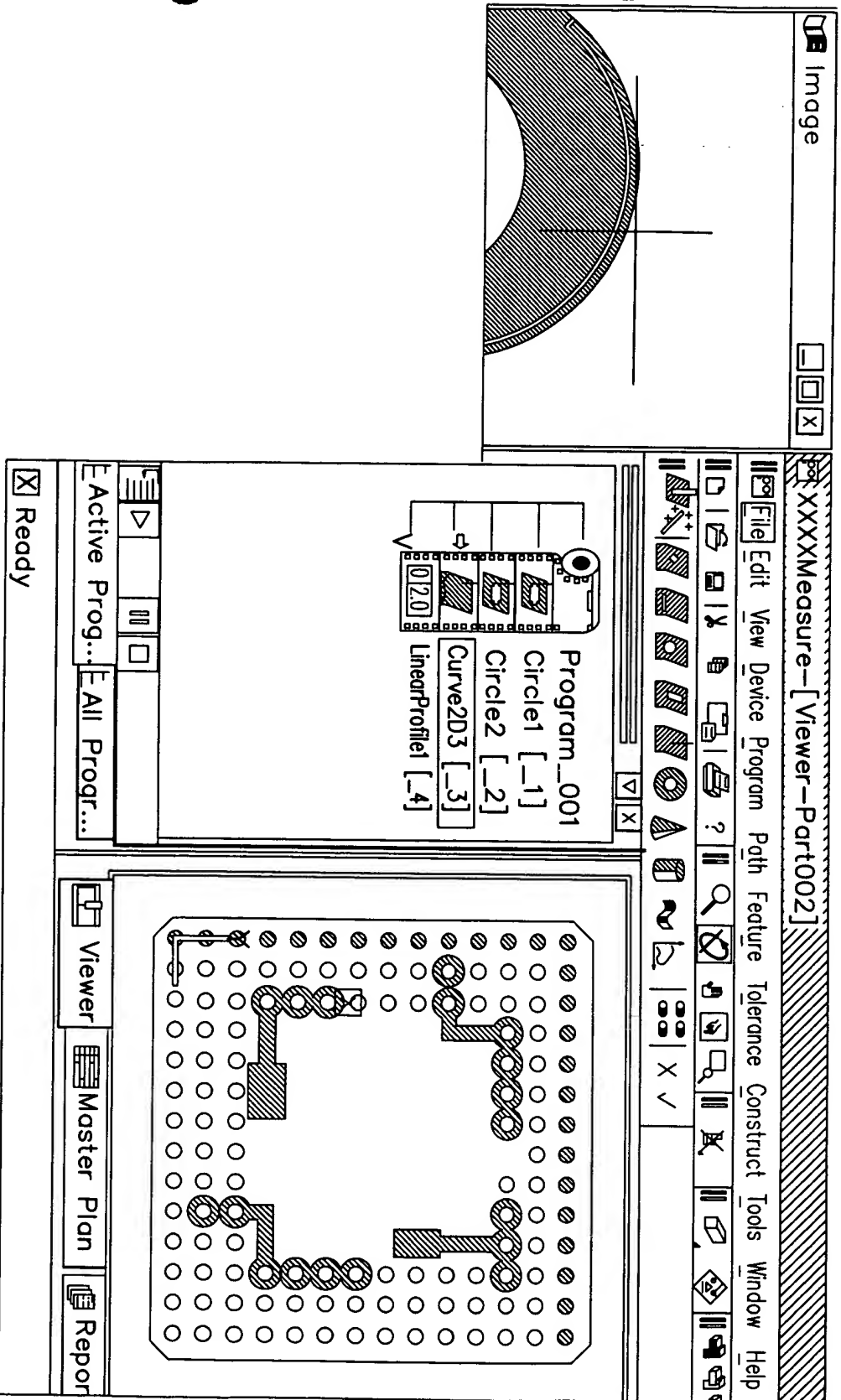


FIG. 18